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EXAMINER	
NGUYEN, N	
ART UNIT	PAPER NUMBER

2764

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**Please find below and/or attached an Office communication concerning this application or proceeding.**

**Commissioner of Patents and Trademarks**

# Office Action Summary

Application No.

09/141,264

Applicant(s)

Jones et al.

Examiner

Nga B. Nguyen

Group Art Unit

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☒ Responsive to communication(s) filed on Aug 27, 1998

☐ This action is FINAL.

☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire three month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

## Disposition of Claims

☒ Claim(s) 1-60 is/are pending in the application.

Of the above, claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

☐ Claim(s) \_\_\_\_\_ is/are allowed.

☒ Claim(s) 1-60 is/are rejected.

☐ Claim(s) \_\_\_\_\_ is/are objected to.

☐ Claims \_\_\_\_\_ are subject to restriction or election requirement.

## Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on \_\_\_\_\_ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on \_\_\_\_\_ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some\* ☐ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) \_\_\_\_\_.

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\*Certified copies not received: \_\_\_\_\_

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

## Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). \_\_\_\_\_

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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### DETAILED ACTION

1. This Office Action is the answer to the communication filed on August 27, 1998 , which paper has been placed of record in the file.
2. Claims 1-60 are pending in this application.

#### *Claim Rejections - 35 USC § 102*

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-60 are rejected under 35 U.S.C. 102(b) as being anticipated by DeLorme et al, U.S. Patent No. 5,948,040.

Regarding claim 1, DeLorme et al disclose a data processing system for processing travel requests using a travel database, comprising:

a memory including program instructions (column 14, lines 53-65); and

a processor operating responsive to the program instructions to (column 14, lines 53-65):

receive a travel goal specifying a destination location and an appointment time for arrival at the destination location (column 23, lines 14-63 and column 26, lines 29-55);

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access the travel database to locate travel information corresponding to the destination location and the appointment time (column 13, line 48-column 14, line 52); and

determine an arrival time within a vicinity of the destination location using the located travel information to ensure arrival at the destination location by the appointment time (column 18, lines 5-25).

Regarding claim 2, DeLorme et al disclose everything claimed as applied above (see claim 1), in addition, DeLorme et al disclose a plurality of travel stations are within the vicinity of the destination location, and wherein the processor further operates responsive to the program instructions to:

select one of the plurality of travel stations (column 18, line 58-column 19, line 8); and  
determine available modes of transportation between the selected travel station and the destination location (column 8, lines 33-58).

Regarding claim 3, DeLorme et al disclose everything claimed as applied above (see claim 2), in addition, DeLorme et al disclose the processor further operates responsive to the program instructions to:

display the available modes of transportation (column 23, lines 45-63); and  
receive a selection of one of the available modes of transportation (column 18, line 58-column 19, line 8).

Regarding claim 4, DeLorme et al disclose everything claimed as applied above (see claim 1), in addition, DeLorme et al disclose the travel information includes a plurality of travel

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options available at the travel station, and wherein the processor further operates responsive to the program instructions to:

select one of the plurality of travel options that arrives at the travel station at the time of arrival sufficient to ensure arrival at the destination location by the appointment time (column 17, lines 44-60).

Regarding claim 5, DeLorme et al disclose everything claimed as applied above (see claim 4), in addition, DeLorme et al disclose the processor further operates responsive to the program instructions to

display data listing the plurality of travel options (column 25, lines 35-65); and  
receive an indication of a selected travel conveyance (column 40, lines 38-56).

Regarding claim 6, DeLorme et al disclose everything claimed as applied above (see claim 4), in addition, DeLorme et al disclose the processor further operates responsive to the program instructions to:

display data listing the plurality of travel options (column 25, lines 35-65); and  
receive an indication of a selected travel flight (column 40, lines 48-50).

Regarding claim 7, DeLorme et al disclose everything claimed as applied above (see claim 4), in addition, DeLorme et al disclose the instructions to maintain a profile of travel preferences, wherein the travel option section is based on the travel preferences (column 61, lines 10-26).

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Regarding claim 8, DeLorme et al disclose everything claimed as applied above (see claim 1), in addition, DeLorme et al disclose the processor further operates responsive to the program instructions to:

receive a travel return date (column 51, line 23-column 52, line 23); and  
display a list of return travel options from the travel station on the travel return date (column 51, line 23-column 52, line 23).

Regarding claim 9, DeLorme et al disclose everything claimed as applied above (see claim 1), in addition, DeLorme et al disclose the processor further operates responsive to the program instructions to:

determine whether an overnight stay is required (column 17, lines 55-58 and column 18, lines 48-51); and  
display a list of hotels for selection (column 22, lines 43-51).

Regarding claim 10, DeLorme et al disclose everything claimed as applied above (see claim 9), in addition, DeLorme et al disclose the processor further operates responsive to the program instructions to:

receive a selection of one of the hotels (column 74, lines 20-25); and  
reserve a room at the selected hotel (column 74, lines 20-25).

Regarding claim 11, DeLorme et al disclose everything claimed as applied above (see claim 1), in addition, DeLorme et al disclose the processor further operates responsive to the

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program instructions to locate restaurants in a vicinity of the destination site (column 49, line 60-column 50, line 26).

Regarding claim 12, DeLorme et al disclose everything claimed as applied above (see claim 11), in addition, DeLorme et al disclose the processor further operates responsive to the program instructions to search a restaurant database for restaurants in the vicinity of the destination location (column 48, lines 47-67).

Regarding claim 13, DeLorme et al disclose everything claimed as applied above (see claim 11), in addition, DeLorme et al disclose the processor further operates responsive to the program instructions to locate restaurants includes an instruction to display the determined restaurants (column 50, lines 27-67).

Regarding claim 14, DeLorme et al disclose everything claimed as applied above (see claim 1), in addition, DeLorme et al disclose the processor further operates responsive to the program instructions to locate activities in a vicinity of the destination location (see figures 7A and 7B).

Regarding claim 15, DeLorme et al disclose everything claimed as applied above (see claim 14), in addition, DeLorme et al disclose the processor further operates responsive to the program instructions to: search an activities database for the activities in the vicinity of the destination location (column 30, lines 1-17).

Regarding claim 16, DeLorme et al disclose everything claimed as applied above (see claim 14), in addition, DeLorme et al disclose the processor further operates responsive to the

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program instructions to: locate activities includes an instruction to display a list of the determined activities (figures 7A and 7B).

Regarding claim 17, DeLorme et al disclose everything claimed as applied above (see claim 1), in addition, DeLorme et al disclose the processor further operates responsive to the program instructions to provide travel information in accordance with the determined arrival time (column 17, lines 14-43).

Regarding claim 18, DeLorme et al disclose everything claimed as applied above (see claim 17), in addition, DeLorme et al disclose the travel information includes geographic data for travel between the travel station and the destination (figures 1B-1C).

Regarding claim 19, DeLorme et al disclose everything claimed as applied above (see claim 1), in addition, DeLorme et al disclose the travel goal may include a plurality of legs of travel each leg of travel including a different destination location and appointment time for arrival at the destination location (column 44, lines 43-61).

Claims 20-38 are written in computer software and contain the same limitation as claims 1-19, therefore are rejected by the same rationale.

Claims 39-57 are written in function method and contain the same limitation as claims 1-19, therefore are rejected by the same rationale.

Regarding claim 58, DeLorme et al disclose a method for processing travel requests including the steps of:



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receiving a travel goal including a destination location and an appointment time (column 23, lines 14-63 and column 26, lines 29-55);

recommending a plurality of travel options and recommending a plurality of secondary modes or transportation based on the travel goal time (column 17, lines 44-60 ; column 40, lines 38-56 and figures 7A-7B);

invoking a transportation decision system to select one of the plurality of travel options and one of the secondary modes of ground transportation based on the recommended travel options and the recommended secondary ground transportation (column 14, lines 19-43);

determining whether an overnight stay is required (column 17, lines 55-58 and column 18, lines 48-51);

invoking a hotel decision support system to select a hotel when it is determined that an overnight stay is required (figures 7A-7B); and

invoking an activity and restaurant decision support system to select activities and restaurants in a vicinity of the destination location (figures 7A-7B).

Regarding claim 59, DeLorme et al disclose a memory for access by a computational entity being executed by a processor including:

a transportation subsystem having instructions to select modes and times of transportation (figures 3, items 221 and 223);

a hotel subsystem having instructions to select hotel in a vicinity of a destination site (figure 3, item 213);

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activity and restaurant subsystem having instructions to select activities or restaurants near a destination site (figure 3, item 213); and

ground transportation subsystem having instructions to select ground transportation to a destination site (figure 3, item 213).

Regarding claim 60, DeLorme et al disclose a system for searching for travel alternatives in a travel database including:

a memory including program instructions (column 14, lines 53-65); and

a processor operating responsive to the program instructions to (column 14, lines 53-65):

receive a request indicating a travel plan (column 23, lines 14-63);

adjust the travel plan in accordance with stored travel constraints (column 12, lines 5-15); and

search the travel database for travel alternatives that meet the adjusted travel plan (column 14, lines 19-42).

### ***Conclusion***

5. Claims **1-60** are rejected.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Nga B. Nguyen, whose telephone number is (703)306-2901. The examiner can normally be reached on Monday-Friday from 7:30 AM-5:00 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James P. Trammell, can be reached on (703)305-9768.

**7. Any response to this action should be mail to:**

Commissioner of Patents and Trademarks

c/o Technology Center 2700

Washington, D.C. 20231

**or faxed to:**

(703) 308-9051, (for formal communications intended for entry)

**or:**

(703) 308-5397 (for informal or draft communications, please label

"PROPOSED" or "DRAFT")


Hand-delivered responses should be brought to Crystal Park II,

2121 Crystal Drive, Arlington.

VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703)305-3900.

Nga B. Nguyen  
September 23, 1999

  
James P. Trammell  
Supervisory Patent Examiner  
Technology Center 2700